

--trabecular--.

On page 10, line 28; after "08/446,182," please insert --now issued as U.S. Patent No. 5,650,176,--.

On page 11, line 1; after "Phosphate", please insert --, U.S.S.N. 08/729,344,--.

On page 11, line 18; after "Vehicle", please insert --, U.S.S.N. 08/729,342,--.

On page 12, line 4; after "months", please insert --,--.

On page 13, line 10; after "bone marrow", please insert --, endosteum--.

On page 15, line 24, please delete "400°C" and insert therefor --400 °C--.

On page 16, line 8; after "result", please insert --in--.

and write On page 16, line 19; after "08/446,182," please insert ¹⁹⁹⁵ --now issued as U.S. Patent No. 5,650,176,--.

On page 21, line 13; after "crystalline", please delete "characters" and insert therefor --character--.

On page 22, line 8; after "applications" please delete the comma.

On page 22, line 10; after "Composite", please insert --, U.S.S.N. 08/732,016--.

On page 24, line 2; after "slowly", please delete "resorbably" and insert therefor --resorbable--.

On page 25, line 22; after the first "a", please delete "paste" and insert therefor --putty--.

On page 30, line 20; after "Compositions", please insert --, U.S.S.N. 08/729,354--.

On page 32, line 5; please delete "Fig. 4(a)" and insert therefor --Figure 11(a)--.

On page 32, line 9; please delete "Fig. 4(b)" and insert therefor --Figure 11(b)--.

On page 33, line 10; please delete "Fig. 11" and insert therefor --Figure 12--.

On page 34, line 19; after "1", please insert --,--.

On page 34, line 22; please delete "Fig. 13a and 13b" and insert therefor --Figures 13(a) and 13(b)--.

On page 35, line 1; after the second "a", please delete "PLGA" and insert therefor

a' --poly(lactide-co-glycocide)(PLGA)--.

On page 35, line 9, after "Example", please delete "22" and insert therefor --18--.

On page 36, line 16; please delete "example" and insert therefor --Example--.

On page 40, line 10; please delete "teflon" and insert therefor --Teflon®--.

On page 40, line 23; please delete "poorly crystalline hydroxyapatite" and insert therefor
--PCA calcium phosphate--.

On page 43, in Table 3; in column 1, row 7; please delete "20m/20 f" and insert therefor
--1 year--.

On page 43, in Table 3; in column 2, row 6, please delete "1 year".

On page 43, in Table 3; in column 2, row 7, please insert --20m/20 f--.

On page 53, line 22, after the first "the", please delete "boarder" and insert therefor
--border--.

On page 54, line 3; after "X-ray", please delete "Fig." and insert therefor --Figure--.

On page 54, line 9; after "implantation", please delete "Fig.." and insert therefor
--Figure--.

On page 54, line 13; after "anesthetized", please delete "as described in Example 26".

In the claims:

1. (Amended) A method for treating a bone defect, comprising:
identifying a bone site suitable for receiving an implant; and
introducing a strongly resorbable, synthetic poorly crystalline apatitic calcium phosphate
at the implant site, whereby the implanted poorly crystalline apatitic calcium phosphate is
resorbed and bone is formed at the implant site.

2. A method for treating a bone defect, comprising:
identifying a bone site suitable for receiving an implant; and
introducing a hydrated precursor [to a strongly resorbable, poorly crystalline apatitic
calcium phosphate] at the implant site, the hydrated precursor comprising an amorphous
calcium phosphate and a promoter,
whereby the hydrated precursor is converted in vivo at the implant site to a hardened
poorly crystalline apatitic calcium phosphate and whereby bone is formed at the implant site.

Please add the following new claims.